



**City of Malden**  
**Utility-Owned Electric Generation and Emissions in 2009**

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	0			0		
Oil-fired power	10,038	100.00%		1,050	100.00%	
Nuclear power						
Other non-renewable power						
Non-renewable total	10,038	100.00%	100.00%	1,050	100.00%	100.00%
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Grand total all sources	10,038		100.00%	1,050		100.00%

Fuel Type	Physical Units	Number of Units
<b>Natural Gas</b>	Mcf	0
<b>Distillate Fuel Oil</b>	Barrels	1,731



### Net Generation by Fuel Type, 2009 for City of Malden



■ Oil-fired power: 100.00%



**Emissions from Electricity Generated in 2009: City of Malden**

Plant	Carbon Dioxide (CO <sub>2</sub> ) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH <sub>3</sub> ) (Tons)	Nitrogen Oxides (NO <sub>x</sub> ) (Tons)	Sulfur Dioxides (SO <sub>2</sub> ) (Tons)
<b>City of Malden</b>	139.68	4.92	NV	22.86	1.50
<b>Malden</b>	139.68	4.92	NV	22.86	1.50

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM <sub>10</sub> Total) (Tons)	Fine Particulate Matter (PM <sub>2.5</sub> Total) (Tons)	Mercury (Hg) (LBS)
<b>City of Malden</b>	1.21	0.53	0.53	NV

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



**Pollution controls installed on plants operated by City of Malden**

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Malden	No SO2 Controls Installed		

<b>NOX Controls</b>				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
<b>Malden</b>	No NOX Controls Installed			



Missouri  
Department of  
Natural Resources

**Missouri Power plants owned and operated by City of Malden in 2009**

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
<b>Malden</b>	Dunklin	Distillate Fuel Oil	17	1,050

**Data Sources**

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)  
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy  
[http://www.eia.gov/cneaf/electricity/page/eia906\\_920.html](http://www.eia.gov/cneaf/electricity/page/eia906_920.html)